working coly

TYPE OR PRINT IN BLACK INK (For instructions, see booklet: "How to File an Application to Appropriate Water in California")



#### California Environmental Protection Agency

State Water Resources Control Board
Division of Water Rights
P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 Fax: (916) 341-5400
1 7 4 0 www.waterrights.ca.gov

APPLICATION NO. 031740 www.waterrights.ca.go

## **APPLICATION TO APPROPRIATE WATER**

#### 1. APPLICANT/AGENT

	APPLICANT	ASSIGNED AGENT (if any)
Name	Julie Seitzman	Ryan Stolfus
		Wagner & Bonsignore, CCE
Mailing Address	7590 Starr Road	444 North Third Street Suite 32
City, State & Zip	Windsor, CA 95492	Sacramento, CA 95811
Telephone	(707) 836-8846	(916) 441-6850
Fax		(916) 448-3866
E-mail		ryans@wagner-engrs.com

2.	☑ Sole Owner ☐ Limited Partnership* ☐ Corporation	☐ Joint Venture	☐ General Partnership* ☐ Husband/Wife Co-Ownership ☐ Other
2	•	addresses and phone numbers of all pa  (Provide a detailed description of you	
J.	to, type of construction acti-	vity, area to be graded or excavated, and and check box below and label as an atta	I how the water will be used.) Add
		1	

200 Second

## 4. PURPOSE OF USE, DIVERSION/STORAGE AMOUNT AND SEASON

a PURPOSE		DIREC	T DIVERSION			STORAGE	
OF USE (irrigation,	АМО	UNT		ON OF SION	AMOUNT		ON OF CTION
domestic, etc.)	Rate (cfs or gpd)*	Acre-feet per annum	t Beginning date		Acre-feet per annum	Beginning date (month & day)	Ending date (month &
Irrigation					35	11-1	5-31
Stockwatering							
Recreation			•••				
Frost Protection		Control					<u> </u>
☐ See Attachment No	Total afa	If water in te	age then 0.025 (	Total afa	35	use dallons r	er day (gpd).
b. Total combined a  35 acre c. Reservoir storage Underground Ste d. County in which	amount take -feet. e is: [X] ons orage Form diversion is	en by dired tream □	ct diversion an I offstream □	d storage du underground	ring any one	year will be ound storag	e je, attach
☑ POD/□ POI Windsör-Creekct □ POD/□ POI	hence: Mar RD#	k West	Creelthence thence	Russian			tributary to
☐ POD / ☐ PO			460000				ibutary to
POD / PO	 RD #		thence			tr	ibutary to
	//		thence				
If needed, attach addi ☐ See Attachment No b. State Planar and	D	10,,00.					
POD/ CAL)	FORNIA	ZONE	POINT IS WIT	HIN SECTI	ON TOWN	RANGE	BASE AND
PORD COOR # (N/	IDINATES AD 83)		(40-acre subdivision	)	SHIP		MERIDIAN
17 1 0		2	NE ¼ of NE ½		8N	9W	
	22,208		ME 74 OF ME 7	4 22			MD
		2		4 22 V4	,		MD
			1/4 of			3"	MD

If needed, attach additional pages, check box below and label attachment

See Attachment No. \_\_\_\_

c. Name of the post office most often used by those living near the proposed point(s) of diversion: Windsor

6.	<b>W</b> a.	If NO, provid	tached a de suffic ted wate	a water availa ient informati er is available	ability analysis ion to demons e for the proposel attachment.	rate that th	ere is reason	abie likeliliot	od that additional	
7	c.	Resources (     YES  II       In an average       If YES, during       Nov  II D     What altern	ect locat Control I NO ge year, ng which Dec ate sour d becaus water, e	ded on a streat Board (State does the street months?  The contract of the cont	im system dec Water Board) eam dry up at Jan □ Feb □ are available i ot available for I, attach additio	during youi any point d l Mar □ Ap f a portion o	r proposed se ownstream of r 【 May 【 J of your reque ion? (e.g., pe	f your project un 🖾 Jul 🖾 sted diversion	rsion? ?? ፟ YES □ I Aug	000
٠.	a.					·		· · · · · · · · · · · · · · · · · · ·	DDIOATED	
	(	USE IS WITH 40-acre subdiv		SECTION*	TOWNSHIP	RANGE	BASE & MERIDIAN	Acres	RRIGATED Presently culti	vated?
	-	½ of	1/4	-					☐ YES ☐	NO
		1/4 of	1/4						☐ YES ☐	NO
		1/4 of	1/4						☐ YES ☐	NO
		1/4 of	1/4			<u></u>			☐ YES ☐	NO
		½ of	1/4						☐ YES ☐	NO
		½ of	1/4						☐ YES ☐	NO ,
		½ of	1/4						☐ YES ☐	NO_
		½ of	1/4	-					☐ YES ☐	NO
		74 01		<u> </u>		-	Total Acres:			
	*F	Please indicate  See Attachm 66-200-01	if section ent No .5	n is projected v 3 Please pr	with a "(P)" follow rovide the Asse	wing the sec essor's Par	tion number. cel Number(s	) for the plac	e of use:	
8.		XI partially	prop	osed. Year o	construction wi completion: _F olanted at i	{eservoir	was built	in 1950's	and	
	b	. Year of firs	st use: _		Year water w		o the full exte	ent intended:	2018	
¥.					a to be irrigate		e year:90	) ac	res.	

CROP		ACRES	METHOD	OF I	WATER USE		
J.W.			IRRIGAT (sprinklers, floc	ION	(Acre- feet/Yr.)	Beginning date (month & day)	Ending date (month & day)
Vineyard δ	Olive	s 90	Drip		35	4-15	11-1
vincyala o	OLLVE	<u>-</u>		-	-		
		<u>.</u>			<u> </u>		
See Attachm	ent No		<del>.</del>				
DOMES VES  Incidental of	galloi	ns per day	Area of domes	suc lawns ai	nd gardens	arately owned? daily use per pe	rson is: square feet
			(dust conti	rol area, number	and kind of domest	ic animals, etc.)	
. XI STOCK	WATERIN	NG: Kind	of stock: <u>Cati</u> Range	tle	Maximu	m number: <u>4(</u>	)
_				(teedle	ot, dairy, range, etc.)		
I I RECRE	ATIONA	L: Type o	f recreation: 🛚	Fishing 🛛	Swimming	Boating 🛚 Oth	er
. □ MUNIC	IPAL:						
POP List for 5-year is c	ULATION ir periods ompleted	until use	MUMIXAM			ANNUAL USE	
Périod	Рорі	ılation	Average daily use (gallons per capita)	diversion	Average da use (gallons pe capita)	lly Acre-foot (per capita) r	Total (acre-feet)
Present							
11000							
		·	-				
See Attachn  Month of n  Month of n	naximum	use durin	g year: j year:		-		
Type of cre	ops prote	cted: _Vi		<u> </u>	) net a		anm not core
Rate at wheat prote			d to use:35 eain 6-1		and end	8-31	gpm per acr
g. 🛛 FROS1	PROTE	CTION: A	<sub>month</sub> an) Trea to be frost إ	d day) protected:		(month net acres	and day)
Type of cr Rate at wh	ops prote nich wate	cted: <u>V1</u> r is applied	neyara d to use: 55		pm per acre and end <u>5</u>	<u>-15</u>	
h. 🗆 INDUS	TRIAL: 1	Type of inc					
		of the cla				☐ Patented I	□ Unnatente

Nature of t									
Type of mi	lling or processin	g:						ſ	watercourse
After use,	the water will be 6	discharged into	o	Т	D			( (	M
in	_ 1/4 Of //	4 of Section		·	, '\-		,	D. 🗸	••••
☐ POWE	R: Total head to	be utilized:		feet					
Maximum	flow through the	penstock:	c	fs Maximu	um the	eoretic	cal hors	sepower c	apable of
Electrical (	capacity (bp.y.0.74	16 x efficiency):		kilow	vatts a	t:	% e	fficiency	
After use,	the water will be of1/4 of Sec	discharged int	o				DOM I	(wa	itercourse)
in ¼	of14 of Sec	tion		, K			_DQIVI. I	LEKC NO	••
∴ □ FISH A habitat ty	ND WILDLIFE PF pe that will be pre	RESERVATIO eserved or enh	N AND/C nanced: _	OR ENHAN	ICEME	ENT:	List sp	ecific spe	cies and
□ OTHER	: Describe use:								
Basis for o	: Describe use determination of a	amount of water	er needed	d:			·		
20,0,0									
DIVERSIO	N AND DISTRIE	BUTION MET	THOD						
	will be by gravity	thy means of	Dam						
i. Diversion	, will be by gravity	dam, pipe in ı(	unobstruc	ted channel	l, pipe t	throug	h dam,	siphon, we	eir, gate, etc
o. Diversior	ı will be by pumpi	ng from:	N/A						
	• • •								
				(sump, c					etc)
Pump dis	scharge rate:								etc)
	scharge rate: ficiency:	🗆 cf							etc)
Pump Ef	ficiency:	Cf	s or □ gr	pd Horse	orage	r:	voir:	-	
Pump Ef	ficiency:	Cf	s or □ gr	pd Horse	orage	r:	voir:	-	
Pump Ef	ficiency:	Cf	s or □ gr	pd Horse	orage	r:	voir:	-	
Pump Ef	ficiency: from diversion poi MATERIAL (type of pipe	int to first later	s or □ gr al or to o ROSS-SE0 pipe diam	pd Horse  ffstream st  CTION  teter,  th and	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef	ficiency: from diversion po MATERIAL (type of pipe channel lining indicate if pic	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	-	
Pump Ef	ficiency: from diversion poi MATERIAL (type of pipe channel linin indicate if pip	Cf	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef c. Conduit f CONDUIT (pipe or channel)	ficiency: from diversion poi MATERIAL (type of pipe channel linin indicate if pip	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef c. Conduit f CONDUIT (pipe or channel)	ficiency: from diversion poi MATERIAL (type of pipe channel linin indicate if pip	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef c. Conduit f CONDUIT (pipe or channel)	ficiency: from diversion poi MATERIAL (type of pipe channel linin indicate if pip	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef C. Conduit f CONDUIT (pipe or channel) N/A	ficiency:  From diversion poi MATERIAL (type of pipe channel linin indicate if pip is buried or no	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef c. Conduit f CONDUIT (pipe or channel)	ficiency:  From diversion poi MATERIAL (type of pipe channel linin indicate if pip is buried or no	int to first later  or (g; or top)	s or □ gr al or to o ROSS-SE pipe diam ditch dep and bottor	pd Horse  ffstream st  CTION  eter,  th and  m width)	orage LENG (fee	reser 3TH et)	voir: TC LIFT C	OTAL DR FALL	
Pump Ef c. Conduit f CONDUIT (pipe or channel)  N/A	ficiency:  rom diversion poi  MATERIAL  (type of pipe  channel lining  indicate if pip  is buried or no	int to first later or (g) or (g) top. ot) (	al or to o ROSS-SEC pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet)	orage LENG (fee	reser	voir: TC LIFT ( feet	DTAL DR FALL + or -	CAPACIT (cfs, gpd) gpm):
Pump Ef  C. Conduit f  CONDUIT (pipe or channel)  N/A  See Attach	ficiency:  From diversion poi MATERIAL (type of pipe channel linin indicate if pip is buried or no	int to first later or (g) or (g) top. ot) (	al or to o ROSS-SEC pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet)	orage LENG (fee	reser	voir: TC LIFT ( feet	DTAL DR FALL + or -	CAPACIT (cfs, gpd) gpm):
Pump Ef C. Conduit f CONDUIT (pipe or channel) N/A  See Attach d. Storage	ficiency:  from diversion points  MATERIAL  (type of pipe channel lining indicate if pipe is buried or no	int to first later or (g; or top ot) (	al or to o ROSS-SE( pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet)	orage LENG (fee	reser STH et)	voir: TC LIFT ( feet	OTAL  DR FALL  # or -  und stora	CAPACIT (cfs, gpd c gpm)
Pump Ef C. Conduit f CONDUIT (pipe or channel) N/A  See Attach d. Storage RESERVOIR NAME	ficiency:  from diversion points  MATERIAL  (type of pipe channel lining indicate if pipe is buried or no  ment No  reservoirs: (For the	int to first later or (g; or or) oe top: ot)	al or to o ROSS-SE( pipe diam ditch dep and bottor (inches or	ffstream st CTION leter; th and m width) feet)	orage LENG (fee	reser 3TH et) ach ur	voir: TC LIFT ( feet dergro	DTAL DR FALL + or - und stora RESERVOI	CAPACIT (cfs, gpd c gpm) gpm) ge form)
Pump Ef C. Conduit f CONDUIT (pipe or channel)  N/A  See Attach d. Storage  RESERVOIR NAME OR	ficiency:  from diversion points  MATERIAL  (type of pipe channel lining indicate if pipe is buried or no  ment No  reservoirs: (For the companion of the companion o	int to first later or (g; or top ot) (	al or to o ROSS-SE( pipe diam ditch dep and bottor (inches or	ffstream st CTION leter; th and m width) feet) complete ar leter are seen and seen are seen a	orage LENG (fee	reser 3TH et) ach ur Sur area	voir: TC LIFT ( feet	OTAL  DR FALL  # or -  und stora	CAPACIT (cfs, gpd c gpm) gpm) ge form)
Pump Ef c. Conduit f CONDUIT (pipe or channel) N/A  See Attach d. Storage RESERVOIR NAME	ficiency:  from diversion points  MATERIAL  (type of pipe channel lining indicate if pipe is buried or no  ment No  reservoirs: (For the	int to first later or (g; or or) oe top: ot)	al or to o ROSS-SE( pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet) complete ar dam hel above spi	orage LENG (fee	reser 3TH et) ach ur sur area	voir: TC LIFT ( feet feet feee	DTAL DR FALL + or - und stora RESERVOI	CAPACIT (cfs, gpd of gpm) gpm) ge form) R Maximu Maximu water depth
Pump Ef C. Conduit f CONDUIT (pipe or channel)  N/A  See Attach d. Storage  RESERVOIR NAME OR	ficiency:  rom diversion poi  MATERIAL  (type of pipe channel lining indicate if pip is buried or no  ment No  reservoirs: (For une)  Vertical height from downstream toe of slope to spillway level (feet)	int to first later  CF or (gi or or)  ie top.  ot) (disconsisting the continual of the cont	al or to o ROSS-SEC pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet)  complete ar freeboa dam hei above.spi crest (feet)	orage LENG (fee	reser 3TH et) ach ur sur area f (ac	rvoir: TC LIFT ( feet  feet  feet  face when ull res)	DTAL DR FALL  + or - und stora RESERVOI Capacity (acre-feet	CAPACIT (cfs, gpd c gpm) ge form) R Maximu water depth (feet)
Pump Ef C. Conduit f CONDUIT (pipe or channel)  N/A  See Attach d. Storage  RESERVOIR NAME OR	ficiency:  from diversion points  MATERIAL  (type of pipe of pi	int to first later or (g; or or) oe top: ot)	al or to o ROSS-SE( pipe diam ditch dep and bottor (inches or	ffstream st CTION leter, th and m width) feet) complete ar dam hel above spi	orage LENG (fee	reser 3TH et) ach ur sur area	rvoir: TC LIFT ( feet  feet  feet  face when ull res)	DTAL DR FALL + or - und stora RESERVOI	CAPACIT (cfs, gpd c gpm) ge form) R Maximu Maximu Maximu depth

NAME Diameter Length Fall: Head: Dead Storage OR in inches in feet Vertical distance Vertical distance from Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Name Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  NAME Diameter Length Fall: Head: Dead Storage  Storage bel  NAME Diameter Length Fall: Head: Dead Storage  NAME Diameter Length Fall: Head: De	RESERVOIR			OUTLE	T PIPE	
See Attachment No	NAME OR NUMBER	in inches	in feet	Vertical distance between entrance and exit of outlet pipe in feet	Vertical distance from spillway to entrance of outlet pipe in feet	Dead Storage: Storage below entrance of outle pipe in acre-feet
See Attachment No	Reservoir	is exist	ing. De	watering will be	accomplished by pum	ping
e. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to off-stream storage will be						<del> </del>
e. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to off-stream storage will be	□ See Attachn	ent No	<u> </u>			<u> </u>
to off-stream storage will bects. Diversion to distream storage will be made by	_		and the r	oconvoir is not at the noi	nt of diversion, the maxim	um rate of divers
CONSERVATION AND MONITORING  a. What methods will you use to conserve water? Explain.  Drip Irrigation  b. How will you monitor your diversion to be sure you are within the limits of your water right and y are not wasting water?   Weir   Meter   Periodic sampling  Other (describe)  Staff gage  RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  IN YES   NO   If NO,     do   do not have a recorded easement or written authorization allowing me access.  List the names and mailing addresses of all affected landowners and state what steps are bein taken to obtain access:  See Attachment No.  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  YES IN NO  If YES, please specify:   Riparian   Pre-1914   Registration   Permit   License   Percolating groundwater   Adjudicated   Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	to off-strea	m storage	will be	cfs. Diversion t	o offstream storage will be	e made by:
a. What methods will you use to conserve water? Explain.  Drip Irrigation  b. How will you monitor your diversion to be sure you are within the limits of your water right and y are not wasting water? □ Weir □ Meter □ Periodic sampling ☒ Other (describe)  Staff gage  RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used? ☒ YES □ NO  If NO, I □ do □ do not have a recorded easement or written authorization allowing me accest b. List the names and mailing addresses of all affected landowners and state what steps are bein taken to obtain access:  □ See Attachment No.  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  □ YES ☒ NO  If YES, please specify: □ Riparian □ Pre-1914 □ Registration □ Permit □ License □ Percolating groundwater □ Adjudicated □ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and locatio the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	·	_				
b. How will you monitor your diversion to be sure you are within the limits of your water right and y are not wasting water?	CONSERVA	NA NOITA	D MONI	TORING		
b. How will you monitor your diversion to be sure you are within the limits of your water right and y are not wasting water?	a. What meth	ods will you	use to c	onserve water? Explain		
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☐ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  ☐ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  D. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	Dr	ip Irriga	ation			
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☐ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  D. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☐ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  D. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☐ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☐ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  D. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	h Howwill vo	u monitor s	our diver	sion to be sure you are	within the limits of your wa	ater right and you
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are beint taken to obtain access:  ☐ See Attachment No. ☐  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	b. How will yo	sting water?	/Uul ulvei D □ Mair	□ Meter □ Periodic s	ampling 🖾 Other (descri	be)
RIGHT OF ACCESS  a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are beint taken to obtain access:  ☐ See Attachment No.  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.				D Meter D I chodie		,
a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are being taken to obtain access:  ☐ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	Stair g	age				
a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are being taken to obtain access:  ☐ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are being taken to obtain access:  ☐ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
a. Does the applicant own all the land where the water will be diverted, transported and used?  ☑ YES ☐ NO  If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are being taken to obtain access:  ☐ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	DIQUIT OF	ACCECC				
IN YES □ NO  If NO, I □ do □ do not have a recorded easement or written authorization allowing me access.  b. List the names and mailing addresses of all affected landowners and state what steps are beint taken to obtain access:  □ See Attachment No. □  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  □ YES ☑ NO  If YES, please specify: □ Riparian □ Pre-1914 □ Registration □ Permit □ License □ Percolating groundwater □ Adjudicated □ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	RIGHT OF	ACCESS		I I I Alam contanta	Il he diverted transporter	and used?
If NO, I ☐ do ☐ do not have a recorded easement or written authorization allowing me accest.  List the names and mailing addresses of all affected landowners and state what steps are beint taken to obtain access:  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  □ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License  □ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	a. Does the	applicant ov	wn all the	land where the water w	il de diverted, transported	dia doca.
b. List the names and mailing addresses of all affected landowners and state what steps are bell taken to obtain access:  □ See Attachment No  EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  □ YES ☒ NO  If YES, please specify: □ Riparian □ Pre-1914 □ Registration □ Permit □ License □ Percolating groundwater □ Adjudicated □ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	DIYES L	I NO		1 1	written authorization allo	wing me access
LEXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☑ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and locatio the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	If NO, I	]do □ do	not have	a recorded easement o	Willen authorization and	etone are being
<ul> <li>□ See Attachment No</li> <li>EXISTING WATER RIGHTS AND RELATED FILINGS</li> <li>a. Do you claim an existing right for the use of all or part of the water sought by this application?   □ YES ☒ NO  If YES, please specify: □ Riparian □ Pre-1914 □ Registration □ Permit □ License □ Percolating groundwater □ Adjudicated □ Other (specify)</li> <li>b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.</li> </ul>	b. List the na	ames and m	nailing ad	dresses of all affected la	indowners and state what	steps are being
EXISTING WATER RIGHTS AND RELATED FILINGS  a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	taken to o	btain acces	ss:			
a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	<u> </u>					
a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.						
a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	☐ See Attachi	ment No.				
<ul> <li>a. Do you claim an existing right for the use of all or part of the water sought by this application?  ☐ YES ☒ NO  ☐ If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License  ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)</li></ul>						
☐ YES ☑ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	EXISTING '	WATER R	IGHTS /	AND RELATED FILIN	GS	lination?
☐ YES ☑ NO  If YES, please specify: ☐ Riparian ☐ Pre-1914 ☐ Registration ☐ Permit ☐ License ☐ Percolating groundwater ☐ Adjudicated ☐ Other (specify)  b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	a. Do you cla	im an existi	ing right f	or the use of all or part o	of the water sought by this	applications
<ul> <li>□ Percolating groundwater □ Adjudicated □ Other (specify)</li> <li>b. For each existing right claimed, state the source, year of first use, purpose, season and locatio the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.</li> </ul>		1 NO				
<ul> <li>□ Percolating groundwater □ Adjudicated □ Other (specify)</li> <li>b. For each existing right claimed, state the source, year of first use, purpose, season and locatio the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.</li> </ul>			ITT Dies		Pagistration   Permit	
b. For each existing right claimed, state the source, year of first use, purpose, season and location the point of diversion (to within quarter-quarter section). Include number of registration, permit license, or statement of water diversion and use, if applicable.	If YES, ple	ase specify	/: 🗀 Kipa	arian 🗌 Pre-1914 🚨	Megistration in a contra	License
the point of diversion (to within quarter-quarter section). Include number of registration, permissions, or statement of water diversion and use, if applicable.		41	aliazatan T	□ Adjudicated LLOthe	r (sheciti/)	
license, or statement of water diversion and use, if applicable.	☐ Percola	ating ground	dwater [ t claimed	☐ Adjudicated ☐ Othe _state the source_vear	r (specity) of first use, purpose, seas	on and location o
	☐ Percola	ating ground	dwater [ t claimed	☐ Adjudicated ☐ Othe _state the source_vear	r (specity) of first use, purpose, seas	on and location of
	☐ Percola b. For each e	ating ground existing righ of diversion	dwater 〔 t claimed (to within	☐ Adjudicated □☐ Othe , state the source, year ( quarter-quarter section)	r (specity) of first use, purpose, seas . Include number of regis	on and location
	☐ Percola b. For each e the point o	ating ground existing righ of diversion	dwater 〔 t claimed (to within	☐ Adjudicated □☐ Othe , state the source, year ( quarter-quarter section)	r (specity) of first use, purpose, seas . Include number of regis	on and location
	☐ Percola b. For each e the point of	ating ground existing righ of diversion	dwater 〔 t claimed (to within	☐ Adjudicated □☐ Othe , state the source, year ( quarter-quarter section)	r (specity) of first use, purpose, seas . Include number of regis	on and location
	☐ Percola b. For each e the point of	ating ground existing righ of diversion	dwater I t claimed (to within of water o	☐ Adjudicated ☐☐ Othe, state the source, year (quarter-quarter section) diversion and use, if app	r (specify)	on and location

	See Attachment No	
4. (	HER SOURCES OF WATER re you presently using, or do you intend to use, purchased water or water supplied by connection with this project? □ Yes ☒ No If yes, please explain:	ontract in
	P REQUIREMENTS  The Division cannot process your application without accurate information showing the strater and location of water use. You must include a map with this application form that adicates the quarter/quarter, section, township, range, and meridian of (1) the proposed iversion and (2) the place of use. A copy of a U.S.G.S. quadrangle/topographic map of roject area is preferred, and can be obtained from sporting goods stores or through the http://topomaps.usgs.gov. A certified engineering map is required when (1) appropriationan three cubic feet per second by direct diversion, (2) constructing a dam which will be urisdiction of the Division of Safety of Dams, (3) creating a reservoir with a surface area of ten acres or (4) appropriating more than 1,000 acre-feet per annum by underground see Attachment No. 4	points of your Internet at g more under the in excess
	ENVIRONMENTAL INFORMATION	
nfori Envi beer he S	efore a water right permit may be issued for your project, the State Water Board must concontained in an environmental document prepared in compliance with the California mental Quality Act (CEQA). This form is not a CEQA document. If a CEQA document lepared for your project, a determination must be made of who is responsible for its prepared to be responsible for preparing the CEQA document, the area to pay all costs associated with the environmental evaluation and preparation of the onts. Please answer the following questions to the best of your ability and submit with the ion any studies that have been conducted regarding the environmental evaluation of your application.	nas not yet paration. <u>If</u> applicant wi prequired his
16.	OUNTY PERMITS  Contact your county planning or public works department and provide the following info	rmation:
	Person contacted: Lisa Date of contact: 10-27-0.  Department: Planning Department Telephone: (707 ) 565-1  County Zoning Designation: 066-200-015 = DA 40A 7 FR VOH	8 900
	Are any county permits required for your project? ☐ YES ☒ NO If YES, check approbelow: ☐ Grading permit ☐ Use permit ☐ Watercourse ☐ Obstruction permit ☐ Change ☐ General plan change ☐ Other (explain):	

17.	a. N (	Check any addir ☐ Federal Eneron Management ☐ Dept. of Fish and Safety of Dams) N/A	tional state or fe gy Regulatory C U.S. Corps of I Game ☐ Stat ☐ Calif. Coas	ND REQUIREMENTS Ideral permits required for commission ☐ U.S. Fore Engineers ☐ U.S. Nature Lands Commission ☐ State	st Service LD.  ural Res. Conser Calif. Dept. of We Reclamation Bo	vation Service □ Call.  /ater Resources (Div. of pard □ Other (specify)
i	b.	For each agend		permit is required, provid		
		AGENCY	PERMIT TYPE	PERSON(S) CONTACTED	CONTACTIDATE	JEEE FRONE NO.
		☐ See Attachme				•
	C.	Does your prop significantly alto lake? ☐ YES If YES, explain:	ered or would sig MO	rolve any construction or gnificantly alter the bed, b	grading-related a pank, or riparian	activity that has habitat of any stream or
		•				
	d.	☐ See Attachme Have you conta ☐ YES ဩ NO	acted the Califor	nia Department of Fish a telephone number and c	nd Game conce late of contact:	rning your project?
18.	El a.	NVIRONMENT. Has any Califo ☑ YES ሺ NO	rnia public agen	IT cy prepared an environm	nental document	for your project?
	b.	If VES submit	a copy of the la	test environmental docun d by the California public	nent(s) prepared agency. Public	, including a copy of the agency:
	C.	☐ The applica ☑ I expect that ☐ I expect that environmental ☐ See Attachm	ant is a Californi at the State Wat at a California po document.* Po ent No	er Board will be preparing ublic agency other than the ublic agency:	oe preparing the g the environmer ne State Water B	oard will be preparing the
		determination	an) or potice of ex	nit a copy of the <u>final</u> enviror temption to the State Water ghouse filing fee. Processir ed.	Board, Division of	(including notice of Water Rights and proof of ion cannot be completed until
		The informs	ation contained in	State Water Board, as Lead the environmental documer e direction of the State Wate	nt must be develop	the environmental document. bed by the applicant and at the of Water Rights.

19.	a.	Will your project, during construction or operation, (1) generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentation?   YES NO  If YES, or you are unsure of your answer, explain below and contact your local Regional Water Quality Control Board for the following information (See instruction booklet for address and telephone no.):
	h	See Attachment No  Will a waste discharge permit be required for your project? ☐ YES ☑ NO  Person contacted: Date of contact:  What method of treatment and disposal will be used?
20.	ΑI	See Attachment No  RCHEOLOGY  The property on this project? The NO.
	h	Have any archeological reports been prepared on this project? ☐ YES ☒ NO Will you be preparing an archeological report to satisfy another public agency? ☐ YES ☒ NO Do you know of any archeological or historic sites located within the general project area? ☐ YES ☒ NO If YES, explain:
		□ See Attachment No
21.	El	Attach two complete sets of color photographs, clearly dated and labeled, showing the vegetation that exists at the following three locations:  Along the stream channel immediately downstream from the proposed point(s) of diversion.  Along the stream channel immediately upstream from the proposed point(s) of diversion.  At the place(s) where the water is to be used.  See Attachment No5_

### SUBMITTAL FEES

Calculate your application filing fee using the "Water Right Fee Schedule Summary" that was enclosed in the application packet. The "Water Right Fee Schedule Summary" can also be viewed at the Division of Water Rights' website (www.waterrights.ca.gov).

A check for the application filing fee, payable to the "Division of Water Rights" and an \$850 check for the Streamflow Protection Standards review fee [Pub. Resources Code § 10005(a)], payable to the "California Department of Fish and Game," must accompany this application. All applicable fees are required at the time of filing. If the application fees are not received, your application will not be accepted and will be returned to you. Please check the fee schedule for any fee changes prior to submitting the application.

## **DECLARATION AND SIGNATURE**

I declare under penalty of perjury that all information provided is true and correct to the best of my knowledge and belief. I authorize my agent, if I have designated one above, to act on my behalf regarding this water right application.

Signature of Applicant

Title or Relationship

Date

Title or Relationship

Applications that are not completely filled out and/or do not have the appropriate fees will not be accepted. In the event that the Division has to return the application because it is incomplete, a portion of the application submittal fee will be charged for the initial review.

## "APPLICATION TO APPROPRIATE WATER" CHECKLIST

Before you submit your application, be sure to:

- Answer each question completely.
- ບ Number, label and include all necessary attachments.
- Include a legible map that meets the requirements discussed in the instruction booklet.
- Include the Water Availability Analysis or sufficient information to demonstrate that there is reasonable likelihood that unappropriated water is available for the proposed appropriation.
- Include two complete sets of color photographs of the project site.
- Enclose a check for the required fee, payable to the Division of Water Rights.
- Enclose an \$850 check for the Streamflow Protection Standards review fee, payable to the Department of Fish and Game.
- u Sign and date the application.

Send the original and one copy of the entire application to:

State Water Resources Control Board Division of Water Rights P.O. Box 2000 Sacramento, CA 95812-2000

## Attachments to Accompany Water Right Application Julie Setizman

#### Attachment #1

#### 3. Project Description

This project consists of storage of water in an existing onstream reservoir, having a capacity of approximately 35 acre-feet, located on the Applicant's property. Water will be used for irrigation of 7 acres of existing olives and 83 acres of proposed olives and vineyards for a total place of use of 90 acres on the ranch. Water will also be used for stockwatering and recreational purposes at the reservoir. The reservoir was built in 1950's and stores water from its naturally tributary area. The 7 acres of olives are spread throughout the ranch and were planted at the turn of the century. As noted in the State Water Board September 4, 2008 inspection report, the reservoir had recently been used for stockwatering. Previous owners have also used the reservoir for pasture irrigation on the property.

Development of the proposed vineyard and orchards is planned to avoid all existing trees. If any trees are disturbed the number and type of trees to be removed and amount of disturbance will be identified in the required environmental document.

#### Attachment #2

#### 6. Water Availability

See separate attachment.

#### Attachment #3

#### 7. Place of Use

						Previously
Use Within	Section	Township	Range	B. & M.	Acres	<b>Cultivated</b>
NE¼ of NE¼	22	T8N	R9W	M.D.	33	Partially
SE¼ of NE¼	22	T8N	R9W	M.D.	17	Partially
NW¼ of NW¼	23	T8N	R9W	M.D.	20	Partially
SW1/4 of NW1/4	23	T8N	R9W	M.D.	20	Partially
				Total`	90	

# Attachments to Accompany Water Right Application Julie Setizman

#### Attachment #4

15. Map

See separate attachment.

#### Attachment #5

21. Environmental Setting (Photographs)

See separate attachment and see State Water Board inspection report.

#### **ATTACHMENT 2**

## Estimate of Water Availability to Accompany Water Right Application of Julie Seitzman

California Water Code Section 1260(k) requires that every application for a permit to appropriate water shall include "sufficient information to demonstrate a reasonable likelihood that unappropriated water is available for the proposed appropriation." This narrative and accompanying calculations provide the required information.

The subject Application includes a point of diversion (POD) on an unnamed stream tributary to Windsor Creek thence Mark West Creek thence the Russian River in Sonoma County (see attached map). According to State Water Resources Control Board Order WR 98-08, there are no fully appropriated restrictions on this watershed. The Application proposes a diversion season of November 1 to May 31, which conforms to Order WR 98-08. The following describes the methodology used to demonstrate a reasonable likelihood that water is physically available for the proposed appropriation.

The attached map shows the proposed point of diversion and the watershed area tributary thereto. The map also shows lines of equal mean annual runoff as shown on the map included with the document entitled *Mean Annual Runoff in the San Francisco Bay Region, California, 1931-70 by S.E. Rantz, 1974.* An excerpt of this map is attached (Rantz map).

The weighted mean annual runoff for the watershed tributary to POD #1 was computed based on the Rantz map. Mean *seasonal* runoff for the subject watersheds was estimated by adjusting the mean annual runoff assuming that the ratio of seasonal to annual runoff is identical to the ratio of seasonal to annual mean precipitation. The Healdsburg precipitation station was used for this purpose (record attached). The resulting seasonal runoff value was adjusted by deducting the *face value* of any senior water rights in the watershed above the proposed points of diversion.

Calculations for the foregoing methodology are attached. These calculations show that in an average water year, approximately 41.6 acre-feet would accrue to POD #1. This would be ample to fill the 35 acre-foot reservoir at POD #1, leaving about 6.6 acre-feet of runoff remaining. Accordingly, it is reasonable to conclude that water is available for the subject Application.

SEITH006.doc

<sup>&</sup>lt;sup>1</sup> USGS Miscellaneous Field Studies Map MF-613, prepared in cooperation with the California Department of Water Resources.

## Water Right Application by Julie Seitzman **Estimate of Water Availability**

#### Points of Diversion #1

## Monthly Precipitation(1)

HEALDSBURG, CALIFORNIA

<u>Month</u>	Mean Precipitation (in)	
October	2.25	
November	5.24	
December	8.21	
January	8.92	
February	7.42	
March	5.42	
April	2.66	
May	1.08	
June	0.30	
July	0.04	
August	0.13	
September	0.37	
Annual	42.03	

Mean Precipitation for requested diversion season (11/1 - 5/31):	38.95 in
Precipitation during requested diversion season as a percentage of total precipitation:	92.67%
Mean Annual Runoff: <sup>(2)</sup>	18.0 in
Estimated Mean Seasonal Runoff:(3)	16.7 in
Watershed Area for POD #1:	29.9 ac
Total Estimated Mean Seasonal Runoff at POD #1:	41.6 ac-ft
Senior Diverters of Record within POD #1watershed (face value):	0.0 ac-ft
Total water available at POD #1:	41.6 ac-ft
Requested diversion amount:	35.0 ac-ft
Total Seasonal Amount Remaining in Stream After Diversion:	6.6 ac-fl

#### Notes:

Total Seasonal Amount Remaining in Stream After Diversion:

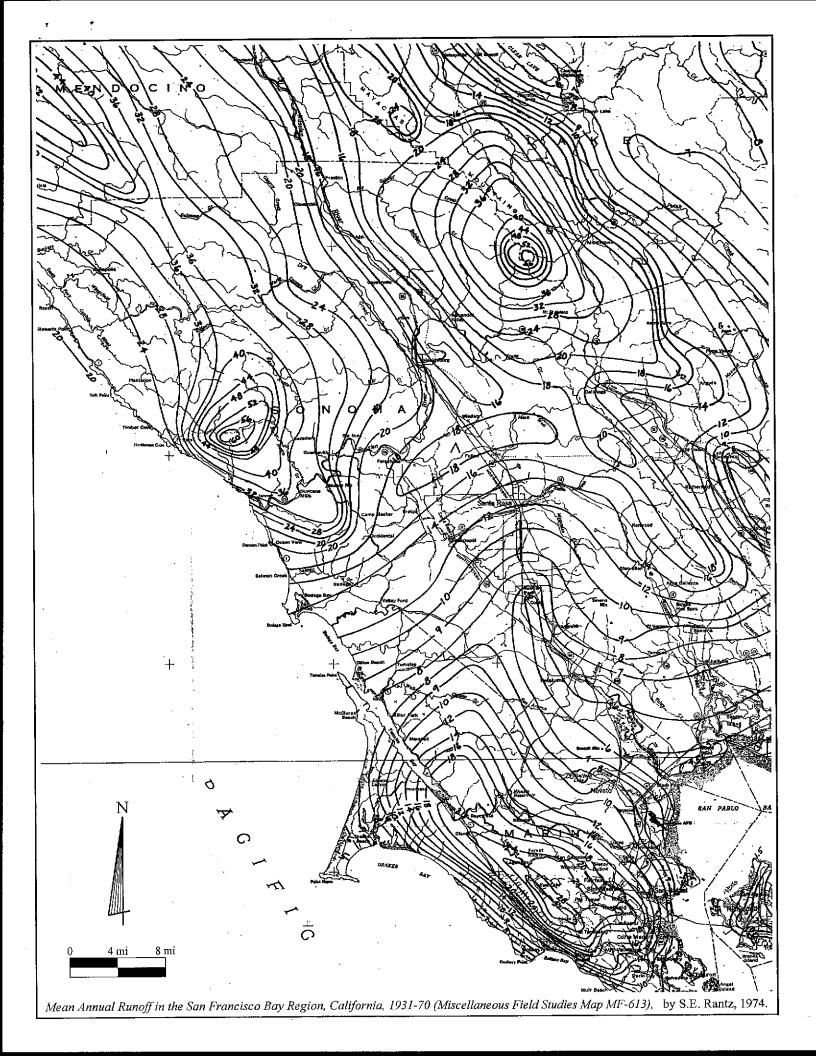
<sup>(1)</sup> Source: Western Regional Climate Center website, http://www.wrcc.dri.edu/summary/climsmnca.html

<sup>(2)</sup> Mean Annual Runoff in the San Francisco Bay Region, California, 1931-70 (Miscellaneous Field Studies Map MF-613), by S.E. Rantz, 1974.

<sup>(3)</sup> Estimated mean seasonal runoff is computed by multiplying mean annual runoff by percent seasonal precipitation.

Julie Seitzman Calculation of Weighted Mean Annual Runoff in POD Watersheds

Watershed	Area (ac)	Mean Annual Runoff (in)	Volume (ac-in)	Volume (ac-ft)
POD #1				
	<u>29.9</u>	18	<u>538</u>	<u>45</u>
Total	29.9		538	45
Weighted Average		18.0		



#### **HEALDSBURG, CALIFORNIA**

Monthly Total Precipitation (inches)
-43875

File last updated on Aug 20, 2008

\*\*\* Note \*\*\* Provisional Data \*\*\* After Year/Month 200804

a = 1 day missing, b = 2 days missing, c = 3 days, ..etc..,

z = 26 or more days missing, A = Accumulations present

Long-term means based on columns; thus, the monthly row may not

sum (or average) to the long-term annual value.

MAXIMUM ALLOWABLE NUMBER OF MISSING DAYS: 5

Individual Months not used for annual or monthly statistics if more than 5 days are missing. Individual Years not used for annual statistics if any month in that year has more than 5 days missing.

										** **	ATTO	CEB	A NINI
WY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG 0.00	SEP 0.00	ANN .
1931				10.31	1.96	2.92	0.45	1.40	1.76	0.00		0.00	30.38
1932	1.89	3.19	15.61	3.07	1.91	1.14	1.71	1.83	0.03	0.00	0.00 $0.00$	0.00	26.67
1933	0.05	2.60	4.81	9.37	1.39	5.65	0.16	2.43	0.00	0.00	0.00	0.08	31.19
1934	2.07	0.00	14.67	1.42	8.14	1.20	0.92	1.57	1.12	0.00	0.00	0.03	45.56
1935	4.07	7.17	3.71	12.07	4.80	8.23	5.28	0.03	0.00	0.00	0.03	0.00	37.44
1936	1.44	1.83	5.19	8.59	13.54	1.76	2.58	1.05	1.34	0.12		0.00	33.93
1937	0.27	0.03	4.48	5.19	11.86	8.45	1.73	0.15	1.77	0.00	0.00	0.00	56.09
1938	1.34	9.74	9.49	8.14	13.47	10.67	2.79	0.03	0.00	0.01	0.00	0.41	19.27
1939	2.74	2.55	1.85	5.20	1.87	3,00	0.22	1.79	0.00	0.00	0.00		57.05
1940	0.23	0.72	7.07	17.12	20.68	7.07	1.88	1.84	0.00	0.02	0.00	0.42	72.19
1941	2.85	3.15	21.35	15.15	12.70	6.89	7.60	1.82	0.60	0.00	0.04	0.04	72.19 54.87
1942	2.54	5.14	12.38	10.42	10.11	4.01	7.05	3,12	0.00	0.00	0.00	0.10	38.47
1943	1.20	5.49	7.52	13.29	3.54	3.75	3.67	0.00	0.01	0.00	0.00	0.00	
1944	1,43	1.68	3.43	7.56	8.90	2.87	2.90	2.83	0.21	0.00	0.00	0.02	31.83
1945	3.19	7.48	4:97	3.82	6.05	7.02	0.53	1.53	0.00	0.00	0.00	0.00 a	
1946	6.71	6.70	14.84	2.49	4.06	1.89	0.10 a		0.00	0.18	0.00	0.07	37.54
1947	0.14	5.23	3.29	0.96	5.54	7.94	0.12	0.68	1.92	0.00	0.00	0.00	25.82
1948	6.54	1.06	2.11	3.75	1.55	6.43	12.93	1.23	0.42	0.00	0.00	0.09	36.11
1949	1.03	1.69	4.93	1.81	4.61	13.38	0.04	0.37	0.00	0.18	0.00	0,00	28.04
1950	0.07	2.48	2.87	10.49	8.49	2.98	1.75	0.69	0.28	0.00	0.00	0.00	30.10
1951	6.04	8.13	10.73	6.20	3.86	1.23	1.33	2.55	0.00	0.00	0.00	0.01	40.08
1952	2.76	8.82	13.69	13.41	3.92	6.17	1.69	0.39	1.97	0.00	0.00	0.00	52.82
1953	0.07	3.70	19.93	10.97	0.10	4.23	4.77	1.25	0.66	0.00	0.45	0.00	46.13
1954	1.54	6.85	1.00	12.28	5.13	6.88	4.61	0.05	0.42	0.07	3.17	0.00	42.00
1955	1.45	8.44	7.61	3.84	1.33	0.62	5.76	0.00	0.01	0.00	0.00	0.33	29.39
1956	0.47	4,58	21.91 e	16.62	9.05	0.31	2.90	0.84	0.05	0.00	0.00	0.12	56.85
1957	2.86	0.31	0.57	6.96	8.55	3.00	3.32	4.36	0.40	0.00	0.00	4.09	34.42
1958	8.77	1.17	5.28	10.04	23.34	9,64	6.50	0.30	0.85	0.09	0.00	0.00	65.98
1959	0.09	0.27	2.12	15.66	9.15	1.44	0.42	0.13	0.00	0.00	0.00	4.52	33.80
1960	0.00	0.00	2.04	9.27	10.45	5.95	1.49	1.12	0.00	0.00	0.00	0.00	30.32
1961	1.21	6.72	7.64	7.64	4.17	5.79	1.64	0.41	0.08	0.00	0.21	0.56	36.07
1962	0.29	6.80	3.79	1.88	16.91	7.13	0.40	0.14	0.00	0.00	0.30	0.26	37.90
1963	10.83	2.06	6.40	10,75	3.99	7.74	6.85	1.14	0.00	0.00	0.00	0.01	49.77
1964	3.14	12.09	1.26	5.74	0.22	2.68	0.26	0.62	0.46	0.03	0.00	0.00	26.50
1965	3.50	9,14	15.07	10.46	1.94	1.58	5.75	0.00	0.00	0.04	0.49	0.00	47.97
1966	0.11	12.42	6.61	11.33	6.29	1.34	1.25	0.13	0.05	0.00	0.11	0.11	39.75
1967	0.00	13.20	10.12	16.37	0.41	8.60	6.49	0.17	2.17	0.00	0.00	0.02	57.55
1968	1,14	3.47	5.89	10.96	6.59	4.89	1.44	0.23	0.00	0.00	0.86	0.03	35.50
1969	2.79	4.07	13.47	20.38	15.50	2.02	3.13	0.03	0.00	0.00	0.00	0.01	61.40
1970	2.71	1.56	18.58	25.24	5.20	2.63	0.12	0.02	0.45	0.00	0.00	0.00	56.51
1971	3.08	11.46	12.23	4.95	0.16	6.00	1.68	0.28	0.00	0.00	0.01	0.29	40.14
1972	0.43	3.00	7.77	2.02	2.92	1.23	3.12	0.13	0.06	0.00	0.00	0.67	21.35

WY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	Α	UG		SEP		ANN
1973	4.17	9.89	5.32	18.39	9.54	3.83	0.15	0.03	0.00	0.00	0.0	0		0.75		52.07
1974	4.79	21.20	6.65	10.67	5.21	12.17	2.07	0.15	0.00	1.71	0.0	0(		0.00		64.62
1975	1.77	1.96	7.50	2.72	13.86	11.33	1.73	0.00	0.01	0.21	0.0	)4		0.00		41.13
1976	5.62	1.43	1.92	0.41	2.93	1.01	3.24	0.00	0.00	0.03	1.	12		0.56		18.27
1977	0.42	2.78	1.17	2.53	2,74	2.38	0.35	1.77	0.00	0.00	0.0	)0		2.78		16.92
1978	1.10	8.48	9.00	19.14	9.79	7.45	4,44	0.15	0.00	0.00	0.0			2.21		61.76
1979	0.00	1.49	0.49	10.99	11.71	3.25	2.39	0.92	0.00	0.00	0.0	)(		0.11		31.35
1980	4.98	7.08	10.75	8.82	14.61	1.79	3.06	0.36	0.27	0.04	0.0	0(		0.00		51.76
1981	0.57	0.62	11.23	10.78	3.92	4.62	0.36	0.62	0.00	0.07	0,0	)()		0.46		33.25
1982	4.66	13.34	13.06	9.03	6.51	9.41	7.20	0.00	0.04	0.00	0.6	)0		0.87		64.12
1983	5.05	9.47	8.58	15.70	14.84	20.34	6.31	0.86	0.00	0.00	1,:	32		0.59		83.26
1984	1.15	17.57	17.37	0.86	3.07	3.97	1.58	0.20	0.22	0.00	0.3	20		0.06		46.25
1985	2.37	15.44	2.43	1.35	3.40	7.31	0.28	0.00	0.00	0.05	0.0	)()		1.37		34.00
1986	1.65	4.92	4.98	9.89	21.95	9.24	0.98	0.46	0.00	0.00	0.0	)0		1.95		56.02
1987	0.64	0.15	2.95	6.25	6.47	8.53	0.20	0.10	0.00	0.00	0.0	)()		0.00		25.29
1988	2.65	4.92	11.54	9.16	0.65	0.07	2.58	0.75	0.25	0.00	0.9	)()		0.00		32.57
1989	0.41	5.92	4.53	1.50	1.21	12.01	1.75	0.19	0.45	0.00	0.9	)0		2.98		30.95
1990	4.47	1.97	0.00	7.08	4.00	1.81	0.21	6.44	0.00	0.00	0.			0.20		26.18
1991	0.77	0.38	1.33	1.10	5.26	18.35	0.47	0.25	0.63	0.00	0.	)2		0.00		28.56
1992	0.82	2.03	4.43	2.83	12,86	5.89	1.84	0.00	0.80	0.00		00		0.00		31.50
1993	3.64	0.43	12.25	15.23	9,43 a	3.29	2.58	2.31	0.97	0.00	0.	00		0.00		50.13
1994	0.97	3.42	6.62	4.39	7.58	0.68	2.43	0.98	0.00	0.00	0.	00		0.00		27.07
1995	0.98	9.54	5.36	29.90	0.36	20.01	3.31	1.54	0.38	0.00	0.	00		0.00		71.38
1996	0.03	0.40	12,63	9.97	14.14	3.23	3.34	3.12	0.00	0.00	0.	00		0.02		46.88
1997	2.29	4.68	17.21	14.43	0.43	2.46	1.01	0.80	0.59	0.00	1.	05		0.40		45.35
1998	1.26		4.09	15.38	25.41	4.61	3.21	7.52	0.03	0.00	0.	00		0.09	a	73.19
1999	1.37	8.88	1,62	0.00 z	12.88	6.62	2.31	0.04	0.06	0.00	0.	00		0.07		-
2000	1.19	6.98	0.99	9.61	14.58	3.15	3.09 a	1.83	0.26	0.00	0.	00	Z	0.13		-
2001	3.44	1.25	1.12	7.97	9.77	2.94	1.40	0.00	0.04	0.00		00		0.21		28.14
2002	3.03	10.44 a	12.83	3.08	1.80	3.46 b	0.51	1.58	0.00	0.00		00		0.00		36.73
2003	0.00	5.16	25.21	6.50	2.80 a	4.84	6.55	1.19	0.00	0.04		00		0.01	a	52.30
2004	0.00 z	4.06 a	18.81	5.75	12.82 a	1.79	1.55	0.08	0.00	0.00	0.	00		0.05		-
2005	4.3	2.14	13.38	6,88	5,42	8.49	2.72	9.54	1.39	0		)		0		54.26
2006	1.43	3.36	19.96	7.66	5.93	13.47 a	8.92	0.55	0	0		)		0		61.28
2007	0.53		7.79	0.42	12.5	0.25	3.6	0.49	0	0.17	a	)		0.09		29.64
2008	5.06	0.36	8.83	17.04	3.98	0.53	0.23	0	0	0	Z	)	Z	0	Z	-
						8 Period o								0.38		40.03
MEAN	2.25	5.24	8.21	8.92	7.42	5.42	2.66	1.08	0.30	0.04		13		0.37		42.03
MAX	10.83	21.20	25.21	29.90	25.41	20.34	12.93	9.54	2.17	1,71		17		4.52		83.26
MIN	0.00	0.00	0.00	0.41	0.10	0.07	0.04	0.00	0.00	0.00		00		0.00		16.92
NO YRS	76	77	77	77	77	78	78	78	78	77	,	6		77		73

Source:

Western Regional Climate Center website, http://www.wrcc.dri.edu/summary/climsmnca.html